Logan Natysin

📞 (703) 541 9869) ✉ lnatysin@gmail.com 🔗 linkedin.com/in/logan-natysin

Objective

Secure an internship opportunity where I can continue to grow my software development skill set, contribute in a collaborative team environment, while contributing to an organization's success in delivering top quality solutions to clients by creating the best user experience.

Education

Virginia Polytechnic Institute & State University	May 2025
B.S. Computer Science	*Current GPA: 3.49/4.0*
Battlefield High School	June 2021
	GPA: 4.58/4.0

Coursework

Courses: Intro to Artificial Intelligence, Data Structures & Algorithms, Computer Systems, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

Awards: Dean's Honor List (4x), Varsity Golf Team Captain

Skills

Languages: Java, C, Python, SQL, PLSQL, R, Haskell, LaTeX

Tools: Git/GitHub, Unix Shell, VS Code, Eclipse, PyCharm, Overleaf, MATLAB, Microsoft Office Software

Projects

Pacman AI │ *Python, Git/GitHub, PyCharm, AI* — Feb. 2024
- Used various AI search algorithms to solve different mazes in Pacman that ranged from easy to complex
- The different search algorithms used were Depth First Search, Breadth First Search, Uniform Cost Search, and A* Search

Personal Web Server │ *C, HTTP, TCP, Git, Unix Shell, VS Code* — Nov. 2023
- Developed and built a personal web server that used HTTP and TCP protocols
- Supports multithreading for multiple clients, user authentication, video streaming, and more

Unix Shell │ *C, HTTP, TCP, Git, Unix Shell, VS Code* — Sep. 2023
- Built a command line shell similar to bash which is able to use various built-in commands like fg, bg, kill, and more
- This command line also supports piping, file redirection, and vim

COVID-19 Data Analysis │ *Java, CSV, Git, Eclipse* — Apr. 2022
- Read and display data for COVID-19 using different parameters that the user could select
- Acted as the project lead managing a group of 2 other software engineers and assigned tasks to engineers based on their skillset

Experience

Stonewall Golf Club - Gainesville, VA │ *Starter/Cart Attendant* — Jun. 2021 – Present
- Improve and strengthen customer service skills through constant customer interaction
- Time management, troubleshooting, and quick thinking were frequently required to keep the golfers efficiently moving through the course, leading to a better customer experience.

Kappa Delta Rho │ *Service Chairman* — 2023 – Present
- Founding member of Gamma Beta chapter at Virginia Tech
- Service chairman for Kappa Delta Rho (KDR) at Virginia Tech
- Organize and plan community service opportunities for KDR fraternity
- Track all community service projects and completion hours for members